

1 atgggtcacg gtgtcagctg cgcccgacc ggcgacgagc acgacttctt ccgggcggcg
61 cagctcggcg acctcgacgc cctggccgcc ctctcgccg ccgaccttc cctcgctcgc
121 cgcgccaccc tctacgaccg cctctccgtc ctccacatcg ccgccgcaa tggccgcac
181 gaggtgctct ccatgttctt ggatcgccgg gcgcccggg acgcggtgaa tcggcacaag
241 cagacgccgc tgatgctcgc ggccatgcac ggcaagatcg actgctgct caagctctc
301 caggccgacg caaatactt gatgtcgac tcggtgcacg cgaggacctg cctccaccac
361 gcggcgact acgcccacgt cgactgcctg caggccatcc tcgcccgcgc gcagaccacg
421 ccggtggccg actcatggg ttcgcccg ttcgtcaacg tcagggacga ccacggcgcc
481 actccgctgc atctcgccg caggcagggg cgccggggg gcgtgcaggt gttgctggag
541 aacggcgcca ttgttcggc ttgacagga tcatatggct tccctggaag cacgtcgctt
601 cattggctg ctctagcgg gaactggat tgcacagga agctgctgc ctggggagct
661 gatcggctcc aaagggattc ggctgggaga attccctatt ctgtgcgt gaaacggaac
721 catggagcat gtgcagctt gctgaaccct acatcagcag agcccatggt gtggccatcc
781 ccacttaagt tcatcagtga gctgaacca gaagctaagg ctctcctgga agcagctctg
841 atggaagcca acagggagag ggagaagaaa atcctgaatg gcacaaagta ctccctgcca
901 tcccttcgc ccggtgatga cagtccgat gacgatgcat gctcagaggt gagcgacacg
961 gagcttctg gcatctgct cgaccaggct tgcaccattg aggtgaaga ctgtggacat
1021 caaatgtgtg caccgtgcac gctggcactg tgctgcaca acaaaccxaa tccgacgacc
1081 ctgacaccgc cctaccggc ctgccattc tgcggggca gcatctcag gctggtggtg
1141 gcccaaaciaa ggtctgctg tgatctgac aagccgtcat cctgcagct caccggaag
1201 cggtcgctg gatctcaca cctcagtga ggagcagca gctcaaagg gctacctcg
1261 gccatgggt ccttctcaa gctggccgt ggctcgagcc gcatggcgga cagtgcagc
1321 agcaacctgg acaagcctga gcacgatcta tga

FIG. 1A

I	MGHGVSCART	10
II	GDEHDFFR AA HLGDLDALAALLAADPSLARRATLY	45
	DRLSVLHIA AA ANGRIEVL SMFL DRGAPPDAVNR	78
	HKQTP LM LA AM HGKIDCVLKLLQADANILMFDSV	112
	HARTCLHH AA YYGHVDC LQAIL AAAQTTPVADSWGFARFVNVRDD	157
	HGATPLHL AA RQGRPGCVQV LL ENGAIVSALTGSYGF	194
	PGSTSLHL AA RS GNLDCIRKLL AWGADRLQORDSAGRI PYSVA	236
	LKRNHGAC AA LLNPTSAEPM VW PSPLKFISELE	269
	PEAK ALLEAA LMEANREREKK IL NGTKYSLPSPSPG	305
III	DDSADDDACSEVS	318
IV	DTELC CC ICFDQACTIEVQDC GHQM CAPCTLALCCHNKPNPTTLTP	363
	PSPAC PF CRGSISRLVVAQTRS	385
V	ACDPDKPSSLQLTRKRSRRSHNLSEGSSSFKGLPSAMGSFSKLGR	430
	GSSRMADSDSSNLDKPEHDL	450

FIG. 1B

XB3
c-Cbl
IAP

CCICFDQACTIEVQDCGHQM-CAPCTLALCCHNKPNPTTLTPSPACPF~~CR~~
CKICAENDKDVKIEPCGHLM-CTSCLT~~SWQE~~SEGQG-----CP~~FCR~~
CKICYVEECIVCFVPCGHVVACAKCALS~~V~~-----DKCP~~MC~~R

FIG. 1C



XB3-N



XB3-C

FIG. 2